

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|-----------------------------------------------------------------------------------------------------------|------------------------|------------------|---------|------------------|
| | | and "709"/\$.ccls. | US-PGPUB; USPAT | OR | ON | 2003/07/31 15:03 |
| | | (metadata or meta\$data) and (stor\$3 adj5 locat\$3) and (file adj5 server) and (video) and (lock\$3) | USPAT | OR | ON | 2004/08/03 13:22 |
| S1 | 1 | ("6594706").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/08/03 16:26 |
| S2 | 28 | (data adj mov\$4) and (metadata) and (lock\$4) | USPAT | OR | ON | 2003/03/06 18:27 |
| S3 | 28 | (data adj mov\$4) and (metadata) and (lock\$4) and (writ\$4) | USPAT | OR | ON | 2002/07/16 17:02 |
| S4 | 5 | (data adj mov\$4) and (metadata) and (lock\$4) and (version with identif\$4) | USPAT | OR | ON | 2002/07/17 10:45 |
| S5 | 22 | (data with mov\$4) and (metadata) and (lock\$4) and (version with identif\$4) and (cach\$4) and (writ\$4) | USPAT | OR | ON | 2002/07/17 11:06 |
| S6 | 100 | (data with mov\$4) and (metadata) and (lock\$4) and (cach\$4) and (writ\$4) | USPAT | OR | ON | 2002/07/17 11:07 |
| S7 | 27 | (data adj mov\$4) and (metadata) and (lock\$4) and (cach\$4) and (writ\$4) | USPAT | OR | ON | 2002/07/17 11:07 |
| S8 | 7 | (data adj mov\$4) and (metadata) and (lock\$4 with file) | USPAT | OR | ON | 2002/07/17 15:36 |
| S9 | 5 | metadata and nfs and dfs and cifs | USPAT | OR | ON | 2002/07/17 15:47 |
| S10 | 846 | metadata | USPAT | OR | ON | 2002/07/17 15:48 |
| S11 | 4 | metadata and 709/100.ccls. | USPAT | OR | ON | 2002/07/17 15:48 |
| S12 | 62 | metadata and lock\$4 and "709"/\$.ccls. | USPAT | OR | ON | 2002/07/17 16:34 |
| S13 | 16 | metadata and (meta adj data) and lock\$4 and "709"/\$.ccls. | USPAT | OR | ON | 2002/07/17 16:45 |
| S14 | 2 | metadata and (meta adj data) and lock\$4 and "370"/\$.ccls. | USPAT | OR | ON | 2002/07/17 16:46 |
| S15 | 57 | metadata and (meta adj data) and lock\$4 | USPAT | OR | ON | 2002/08/05 17:45 |
| S16 | 1 | ("6026452").PN. | USPAT; USOCR | OR | OFF | 2002/07/18 13:20 |
| S17 | 1 | ("5948062").PN. | USPAT; USOCR | OR | OFF | 2002/07/18 13:33 |

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|-----|---|------------------------------------------------------------------|--------------|----|-----|------------------|
| S18 | 1 | ("6324581").PN. | USPAT; USOCR | OR | OFF | 2002/07/18 13:24 |
| S19 | 1 | ("6389420").PN. | USPAT; USOCR | OR | OFF | 2002/07/18 13:26 |
| S20 | 1 | ("6061504").PN. | USPAT; USOCR | OR | OFF | 2002/07/18 13:28 |
| S21 | 1 | ("5893140").PN. | USPAT; USOCR | OR | OFF | 2002/07/18 13:28 |
| S22 | 1 | ("5944789").PN. | USPAT; USOCR | OR | OFF | 2002/07/18 14:32 |
| S23 | 1 | ("6275953").PN. | USPAT; USOCR | OR | OFF | 2002/07/18 14:34 |
| S24 | 1 | ("5987621").PN. | USPAT; USOCR | OR | OFF | 2002/07/18 14:35 |
| S25 | 1 | ("5944789").PN. | USPAT; USOCR | OR | OFF | 2002/07/18 14:39 |
| S26 | 1 | ("5933603").PN. | USPAT; USOCR | OR | OFF | 2002/07/18 16:48 |
| S27 | 1 | ("4608688").PN. | USPAT; USOCR | OR | OFF | 2002/07/18 16:48 |
| S28 | 1 | ("4755928").PN. | USPAT; USOCR | OR | OFF | 2002/07/18 16:49 |
| S29 | 1 | ("5175837").PN. | USPAT; USOCR | OR | OFF | 2002/07/18 16:49 |
| S30 | 1 | ("5206939").PN. | USPAT; USOCR | OR | OFF | 2002/07/18 16:50 |
| S31 | 4 | ((("5208665") or ("5218695") or ("5226143") or ("5226159"))).PN. | USPAT; USOCR | OR | OFF | 2002/07/18 16:51 |
| S32 | 1 | ("5550982").PN. | USPAT; USOCR | OR | OFF | 2002/07/18 16:52 |
| S33 | 1 | ("5948062").PN. | USPAT; USOCR | OR | OFF | 2002/07/22 16:11 |
| S34 | 1 | ("5944789").PN. | USPAT; USOCR | OR | OFF | 2002/07/22 16:55 |
| S35 | 1 | ("5893140").PN. | USPAT; USOCR | OR | OFF | 2002/07/22 17:11 |
| S36 | 1 | ("6026452").PN. | USPAT; USOCR | OR | OFF | 2002/07/22 18:46 |
| S37 | 1 | ("6389420").PN. | USPAT; USOCR | OR | OFF | 2002/07/23 09:18 |
| S38 | 1 | ("5933603").PN. | USPAT; USOCR | OR | OFF | 2002/07/23 09:24 |
| S39 | 1 | ("6061504").PN. | USPAT; USOCR | OR | OFF | 2002/07/23 09:26 |
| S40 | 1 | ("0629386").PN. | USPAT; USOCR | OR | OFF | 2002/07/23 09:26 |

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|-----|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|----|-----|------------------|
| S41 | 1 | ("6298386").PN. | USPAT; USOCR | OR | OFF | 2002/07/23 09:27 |
| S42 | 1 | ("5987621").PN. | USPAT; USOCR | OR | OFF | 2002/07/23 09:29 |
| S43 | 1 | ("6192408").PN. | USPAT; USOCR | OR | OFF | 2002/07/23 09:46 |
| S44 | 1 | ("6324581").PN. | USPAT; USOCR | OR | OFF | 2002/07/23 09:46 |
| S45 | 250 | metadata and "709"/\$.ccls. | USPAT | OR | ON | 2002/07/23 10:25 |
| S46 | 145 | metadata and (server) and (lock) | USPAT | OR | ON | 2002/07/23 10:26 |
| S47 | 1 | ("5948062").PN. | USPAT; USOCR | OR | OFF | 2002/08/05 13:28 |
| S48 | 1 | ("5737747").PN. | USPAT; USOCR | OR | OFF | 2002/08/05 13:33 |
| S49 | 1 | ("6026452").PN. | USPAT; USOCR | OR | OFF | 2002/08/05 13:42 |
| S50 | 1 | ("5944789").PN. | USPAT; USOCR | OR | OFF | 2002/08/05 15:40 |
| S51 | 1 | ("5893140").PN. | USPAT; USOCR | OR | OFF | 2002/08/05 16:19 |
| S52 | 11 | ((("4371929") or ("4422145") or ("4463424") or ("4499539") or ("4503501") or ("4694396") or ("4714992") or ("4897781") or ("4975830") or ("5007628") or ("5056003"))).PN. | USPAT; USOCR | OR | OFF | 2002/08/05 16:41 |
| S53 | 1 | ("6170011").PN. | USPAT; USOCR | OR | OFF | 2002/08/05 16:41 |
| S54 | 51 | metadata and (meta adj data) and lock\$4 and client | USPAT | OR | ON | 2002/08/05 17:48 |
| S55 | 40 | metadata and (meta adj data) and lock\$4 and client and command | USPAT | OR | ON | 2002/08/06 09:42 |
| S56 | 1 | ("5852747").PN. | USPAT; USOCR | OR | OFF | 2002/08/06 10:05 |
| S57 | 1 | ("6026452").PN. | USPAT; USOCR | OR | OFF | 2002/08/06 10:18 |
| S58 | 1 | ("5944789").PN. | USPAT; USOCR | OR | OFF | 2002/08/06 10:34 |
| S59 | 73 | client and (lock adj manager) and (identifier) | USPAT | OR | ON | 2002/08/06 11:04 |
| S60 | 100 | client and (lock adj manager) and (application) and (portion) | USPAT | OR | ON | 2002/08/06 13:21 |
| S61 | 1 | ("5596754").PN. | USPAT; USOCR | OR | OFF | 2002/08/06 13:23 |
| S62 | 1 | ("5226159").PN. | USPAT; USOCR | OR | OFF | 2002/08/06 13:29 |

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|-----|-----|-------------------------------------------------------------------------------------------------------------------------|--------------|----|-----|------------------|
| S63 | 1 | ("5978802").PN. | USPAT; USOCR | OR | OFF | 2002/08/06 13:41 |
| S64 | 1 | ("5226159").PN. | USPAT; USOCR | OR | OFF | 2002/08/07 12:15 |
| S65 | 1 | ("5732898").PN. | USPAT; USOCR | OR | OFF | 2002/08/06 14:56 |
| S66 | 1 | ("5734898").PN. | USPAT; USOCR | OR | OFF | 2002/08/06 14:56 |
| S67 | 1 | ("6026452").PN. | USPAT; USOCR | OR | OFF | 2002/08/07 12:16 |
| S68 | 1 | ("6192408").PN. | USPAT; USOCR | OR | OFF | 2002/08/07 12:19 |
| S69 | 1 | ("5737747").PN. | USPAT; USOCR | OR | OFF | 2002/08/07 12:21 |
| S70 | 1 | ("6101508").PN. | USPAT; USOCR | OR | OFF | 2002/08/07 12:21 |
| S71 | 291 | (data adj mov\$4) and (transaction) and (bypass) | USPAT | OR | ON | 2002/08/07 12:36 |
| S72 | 48 | (data adj mov\$4) and (transaction) and (bypass) and "709"/\$.cls. | USPAT | OR | ON | 2002/08/07 15:15 |
| S73 | 46 | (transaction) and (bypass) and metadata | USPAT | OR | ON | 2002/08/07 15:22 |
| S74 | 169 | (transaction) and (bypass) and bank and authenticat\$3 | USPAT | OR | ON | 2002/08/07 15:22 |
| S75 | 0 | (transaction) and (bypass) and bank and authenticat\$3 and (data adj5 mover) | USPAT | OR | ON | 2002/08/07 15:23 |
| S76 | 154 | (transaction) and (bypass) and bank and authenticat\$3 and (data) and (network) | USPAT | OR | ON | 2002/08/07 15:24 |
| S77 | 102 | (transaction) and (bypass) and bank and authenticat\$3 and (data) and (network) and (control with information) | USPAT | OR | ON | 2002/08/07 15:58 |
| S78 | 1 | ("5674003").PN. | USPAT; USOCR | OR | OFF | 2002/08/07 15:44 |
| S79 | 1 | ("5903878").PN. | USPAT; USOCR | OR | OFF | 2002/08/07 15:48 |
| S80 | 1 | ("6330550").PN. | USPAT; USOCR | OR | OFF | 2002/08/07 15:49 |
| S81 | 2 | (("6233565") or ("6334117")).PN. | USPAT; USOCR | OR | OFF | 2002/08/07 15:49 |
| S82 | 2 | (transaction) and (path adj5 bypass) and bank and authentica\$3 and (network) and (control with information) | USPAT | OR | ON | 2002/08/07 16:00 |

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| S83 | 0 | (transaction) and (data with path adj5 bypass) and bank and authenticat\$3 and (network) and (control with information) | USPAT | OR | ON | 2002/08/07 16:00 |
| S84 | 3 | (transaction) and (data adj5 bypass) and bank and authenticat\$3 and (network) and (control with information) | USPAT | OR | ON | 2002/08/07 16:14 |
| S85 | 1 | ("5541925").PN. | USPAT; USOCR | OR | OFF | 2002/08/07 17:46 |
| S86 | 1 | ("3624608").PN. | USPAT; USOCR | OR | OFF | 2002/08/07 17:46 |
| S87 | 1 | ("5444763").PN. | USPAT; USOCR | OR | OFF | 2002/08/07 17:48 |
| S88 | 1154 | pos and bypass | USPAT | OR | ON | 2002/08/07 17:48 |
| S89 | 83 | pos and bypass and network and port and transaction | USPAT | OR | ON | 2002/08/07 17:57 |
| S90 | 1 | ("5944789").PN. | USPAT; USOCR | OR | OFF | 2002/08/08 09:11 |
| S91 | 1 | ("5852747").PN. | USPAT; USOCR | OR | OFF | 2002/08/08 09:25 |
| S92 | 1 | ("5944789").PN. | USPAT; USOCR | OR | OFF | 2002/08/08 09:25 |
| S93 | 1 | ("6026452").PN. | USPAT; USOCR | OR | OFF | 2002/08/08 09:25 |
| S94 | 0 | ("meta\$data").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2003/01/21 16:16 |
| S95 | 3075 | meta\$data | US-PGPUB; USPAT | OR | ON | 2003/01/21 16:17 |
| S96 | 253 | meta\$data and (data near5 mov\$3) and (lock\$3) | US-PGPUB; USPAT | OR | ON | 2003/01/21 16:19 |
| S97 | 91 | meta\$data and (data near5 mov\$3) and (lock\$3) and "709"/\$.ccls. | US-PGPUB; USPAT | OR | ON | 2003/03/05 18:18 |
| S98 | 1 | "6298386".PN. | USPAT | OR | OFF | 2003/01/21 17:32 |
| S99 | 1 | "6269431".PN. | USPAT | OR | OFF | 2003/01/21 17:32 |
| S100 | 1 | "6230190".PN. | USPAT | OR | OFF | 2003/01/21 17:34 |
| S101 | 1 | "6212640".PN. | USPAT | OR | OFF | 2003/01/21 17:36 |
| S102 | 1 | "6192408".PN. | USPAT | OR | OFF | 2003/01/21 17:37 |
| S103 | 1 | "6192408".PN. | USPAT | OR | OFF | 2003/01/21 17:37 |

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| S10 4 | 1 | "6185601".PN. | USPAT | OR | OFF | 2003/01/21 17:37 |
| S10 5 | 1 | "6167446".PN. | USPAT | OR | OFF | 2003/01/21 17:40 |
| S10 6 | 1 | "6161104".PN. | USPAT | OR | OFF | 2003/01/21 17:40 |
| S10 7 | 1 | "6085234".PN. | USPAT | OR | OFF | 2003/01/21 17:41 |
| S10 8 | 1 | "5950203".PN. | USPAT | OR | OFF | 2003/01/21 17:41 |
| S10 9 | 1 | "5774660".PN. | USPAT | OR | OFF | 2003/01/21 17:41 |
| S11 0 | 1 | "5991810".PN. | USPAT | OR | OFF | 2003/01/21 17:50 |
| S11 1 | 1 | "5944780".PN. | USPAT | OR | OFF | 2003/01/21 17:50 |
| S11 2 | 1 | "5924116".PN. | USPAT | OR | OFF | 2003/01/21 17:51 |
| S11 3 | 1 | "5918013".PN. | USPAT | OR | OFF | 2003/01/21 17:51 |
| S11 4 | 1 | "5870551".PN. | USPAT | OR | OFF | 2003/01/21 17:51 |
| S11 5 | 1 | "5680571".PN. | USPAT | OR | OFF | 2003/01/21 17:51 |
| S11 6 | 1 | "5317727".PN. | USPAT | OR | OFF | 2003/01/21 17:52 |
| S11 7 | 1 | "5317727".PN. | USPAT | OR | OFF | 2003/01/21 17:52 |
| S11 8 | 1 | "5452447".PN. | USPAT | OR | OFF | 2003/01/21 17:52 |
| S11 9 | 1 | "5577226".PN. | USPAT | OR | OFF | 2003/01/21 17:52 |
| S12 0 | 1 | "5577226".PN. | USPAT | OR | OFF | 2003/01/21 17:52 |
| S12 1 | 1 | "5611049".PN. | USPAT | OR | OFF | 2003/01/21 17:52 |
| S12 2 | 1 | "5628005".PN. | USPAT | OR | OFF | 2003/01/21 17:53 |
| S12 3 | 1 | "5649102".PN. | USPAT | OR | OFF | 2003/01/21 17:53 |
| S12 4 | 1 | "5764972".PN. | USPAT | OR | OFF | 2003/01/21 17:54 |
| S12 5 | 1 | "5727159".PN. | USPAT | OR | OFF | 2003/01/21 17:54 |
| S12 6 | 1 | "5790886".PN. | USPAT | OR | OFF | 2003/01/21 17:54 |

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|----------|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|----|-----|------------------|
| S12 7 | 175 | meta\$data and (data near5 mov\$3) and (lock\$3) and (file near4 server) | US-PGPUB; USPAT | OR | ON | 2003/03/05 18:19 |
| S12 8 | 167 | meta\$data and (data near5 mov\$3) and (lock\$3) and (file near4 server) and (portion) | US-PGPUB; USPAT | OR | ON | 2003/03/05 18:19 |
| S12 9 | 96 | meta\$data and (data near5 mov\$3) and (lock\$3) and (file near4 server) and (portion near4 file) | US-PGPUB; USPAT | OR | ON | 2003/03/05 18:41 |
| S13 0 | 62 | (meta\$data with location) and (data near5 mov\$3) and (lock\$3) and (file near4 server) and (portion near4 file) | US-PGPUB; USPAT | OR | ON | 2003/03/05 19:16 |
| S13 1 | 1 | "6009463".PN. | USPAT | OR | OFF | 2003/03/05 19:05 |
| S13 2 | 1 | "5991777".PN. | USPAT | OR | OFF | 2003/03/05 19:10 |
| S13 3 | 1 | "5878415".PN. | USPAT | OR | OFF | 2003/03/05 19:11 |
| S13 4 | 1 | "5758154".PN. | USPAT | OR | OFF | 2003/03/05 19:11 |
| S13 5 | 1 | "5745752".PN. | USPAT | OR | OFF | 2003/03/05 19:11 |
| S13 6 | 138 | (data with (lock or attribute)) and (data near5 mov\$3) and (lock\$3) and (file near4 server) and (portion near4 file) | US-PGPUB; USPAT | OR | ON | 2003/03/05 19:17 |
| S13 7 | 179 | (data with (lock or attribute or pointer)) and (data near5 mov\$3) and (lock\$3) and (file near4 server) and (portion near4 file) | US-PGPUB; USPAT | OR | ON | 2003/03/05 19:17 |
| S13 8 | 105 | (data with (lock or attribute or pointer)) and (data near5 mov\$3) and (lock\$3) and (file near4 server) and (portion near4 file) and (stor\$4 adj3 location) | US-PGPUB; USPAT | OR | ON | 2003/03/05 19:36 |
| S13 9 | 11 | (inode) and (data near5 mov\$3) and (lock\$3) and (file near4 server) and (portion near4 file) and (stor\$4 adj3 location) | US-PGPUB; USPAT | OR | ON | 2003/03/05 19:38 |
| S14 0 | 36 | (inode) and (data near5 mov\$3) and (lock\$3) and (file near4 server) and (portion near4 file) | US-PGPUB; USPAT | OR | ON | 2003/03/05 19:45 |
| S14 1 | 1 | "4887204".PN. | USPAT | OR | OFF | 2003/03/05 19:43 |
| S14 2 | 57 | (inode) and (data near5 mov\$3) and (lock\$3) and (file near4 server) | US-PGPUB; USPAT | OR | ON | 2003/03/05 20:04 |

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|----------|-----|------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|----|-----|------------------|
| S14 3 | 790 | (inode or meta\$data) and (command) and (file with server) and client | US-PGPUB; USPAT | OR | ON | 2003/03/05 20:05 |
| S14 4 | 109 | (inode or meta\$data) and (command) and (file with server) and client and lock and (file near5 portion) | US-PGPUB; USPAT | OR | ON | 2003/03/05 20:06 |
| S14 5 | 109 | (inode or meta\$data) and (command) and (file with server) and client and lock and (file near5 portion) | US-PGPUB; USPAT | OR | ON | 2003/03/05 20:06 |
| S14 6 | 42 | (metadata or meta\$data) and (stor\$3 adj5 locat\$3) and (file adj5 server) and (client or application) and command and commit | USPAT | OR | ON | 2003/03/06 18:45 |
| S14 7 | 129 | (metadata or meta\$data) and (stor\$3 adj5 locat\$3) and (file adj5 server) and (client or application) and command | USPAT | OR | ON | 2003/03/07 14:02 |
| S14 8 | 1 | ("5057996").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2003/03/07 11:25 |
| S14 9 | 1 | "6167404".PN. | USPAT | OR | OFF | 2003/03/07 12:46 |
| S15 0 | 1 | "6094671".PN. | USPAT | OR | OFF | 2003/03/07 12:47 |
| S15 1 | 1 | "6034942".PN. | USPAT | OR | OFF | 2003/03/07 12:47 |
| S15 2 | 70 | (metadata or meta\$data) and (stor\$3 adj5 locat\$3) and (file adj5 server) and (client or application) and command and lock\$3 | USPAT | OR | ON | 2003/03/07 14:03 |
| S15 3 | 54 | (metadata or meta\$data) and (stor\$3 adj5 locat\$3) and (file adj5 server) and (client or application) and (lock\$3 near5 file) | USPAT | OR | ON | 2003/03/07 14:09 |
| S15 4 | 53 | (metadata or meta\$data) and (stor\$3 adj5 locat\$3) and (file adj5 server) and (client or application) and (lock\$3) and (portion near5 file) | USPAT | OR | ON | 2003/03/07 14:11 |
| S15 5 | 18 | (metadata or meta\$data) and (stor\$3 adj5 locat\$3) and (file adj5 server) and (lock\$3 with (portion near5 file)) | USPAT | OR | ON | 2003/03/07 15:35 |
| S15 6 | 1 | "6282561".PN. | USPAT | OR | OFF | 2003/03/07 15:11 |

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| S15 7 | 1 | "6275471".PN. | USPAT | OR | OFF | 2003/03/07 15:12 |
| S15 8 | 1 | "5920700".PN. | USPAT | OR | OFF | 2003/03/07 15:12 |
| S15 9 | 1 | "5701465".PN. | USPAT | OR | OFF | 2003/03/07 15:18 |
| S16 0 | 40 | (metadata or meta\$data) and (stor\$3 adj5 locat\$3) and (file adj5 server) and (video) and (lock\$3) | USPAT | OR | ON | 2003/03/07 15:37 |
| S16 1 | 31 | (metadata or meta\$data) and (stor\$3 adj5 locat\$3) and (file adj5 server) and (manager with client) | USPAT | OR | ON | 2003/03/07 16:03 |
| S16 2 | 335 | (metadata or meta\$data) and (file near5 location) | USPAT | OR | ON | 2003/03/07 16:04 |
| S16 3 | 91 | (metadata or meta\$data) and (file near5 location) and (lock\$3) and (file near5 portion) | USPAT | OR | ON | 2003/03/07 19:40 |
| S16 4 | 1 | "6161103".PN. | USPAT | OR | OFF | 2003/03/07 16:06 |
| S16 5 | 1 | "6088694".PN. | USPAT | OR | OFF | 2003/03/07 16:06 |
| S16 6 | 1 | "5987465".PN. | USPAT | OR | OFF | 2003/03/07 16:15 |
| S16 7 | 1 | "5970490".PN. | USPAT | OR | OFF | 2003/03/07 16:16 |
| S16 8 | 1 | "5924074".PN. | USPAT | OR | OFF | 2003/03/07 16:16 |
| S16 9 | 1 | "5918225".PN. | USPAT | OR | OFF | 2003/03/07 16:16 |
| S17 0 | 1 | "5781910".PN. | USPAT | OR | OFF | 2003/03/07 16:16 |
| S17 1 | 1 | "5768577".PN. | USPAT | OR | OFF | 2003/03/07 16:17 |
| S17 2 | 1 | "5764973".PN. | USPAT | OR | OFF | 2003/03/07 16:18 |
| S17 3 | 1 | "5764949".PN. | USPAT | OR | OFF | 2003/03/07 16:18 |
| S17 4 | 1 | "5761494".PN. | USPAT | OR | OFF | 2003/03/07 16:32 |
| S17 5 | 1 | "5758145".PN. | USPAT | OR | OFF | 2003/03/07 16:32 |
| S17 6 | 1 | "5696960".PN. | USPAT | OR | OFF | 2003/03/07 16:33 |

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| S17 7 | 1 | "5680610".PN. | USPAT | OR | OFF | 2003/03/07 16:34 |
| S17 8 | 1 | "5680607".PN. | USPAT | OR | OFF | 2003/03/07 16:34 |
| S17 9 | 1 | "5649183".PN. | USPAT | OR | OFF | 2003/03/07 16:34 |
| S18 0 | 1 | "5745896".PN. | USPAT | OR | OFF | 2003/03/07 16:35 |
| S18 1 | 1 | "5644763".PN. | USPAT | OR | OFF | 2003/03/07 16:40 |
| S18 2 | 1 | "5495609".PN. | USPAT | OR | OFF | 2003/03/07 16:40 |
| S18 3 | 1 | "5550965".PN. | USPAT | OR | OFF | 2003/03/07 16:41 |
| S18 4 | 1 | "5553279".PN. | USPAT | OR | OFF | 2003/03/07 16:41 |
| S18 5 | 1 | "5561797".PN. | USPAT | OR | OFF | 2003/03/07 16:42 |
| S18 6 | 1 | "5581756".PN. | USPAT | OR | OFF | 2003/03/07 16:42 |
| S18 7 | 1 | "5603024".PN. | USPAT | OR | OFF | 2003/03/07 16:43 |
| S18 8 | 1 | "5604899".PN. | USPAT | OR | OFF | 2003/03/07 16:43 |
| S18 9 | 1 | "5603025".PN. | USPAT | OR | OFF | 2003/03/07 16:43 |
| S19 0 | 1 | "5428782".PN. | USPAT | OR | OFF | 2003/03/07 16:44 |
| S19 1 | 1 | "5416917".PN. | USPAT | OR | OFF | 2003/03/07 16:44 |
| S19 2 | 1 | "5345587".PN. | USPAT | OR | OFF | 2003/03/07 16:53 |
| S19 3 | 1 | "5257366".PN. | USPAT | OR | OFF | 2003/03/07 16:54 |
| S19 4 | 1 | "5142470".PN. | USPAT | OR | OFF | 2003/03/07 16:54 |
| S19 5 | 1 | "5287537".PN. | USPAT | OR | OFF | 2003/03/07 16:54 |
| S19 6 | 453 | (metadata or meta\$data) and (sql or dbms) and (query or commit) | USPAT | OR | ON | 2003/03/07 19:41 |
| S19 7 | 41 | (metadata or meta\$data) and (sql or dbms) and (query or commit) and ((read\$3 or writ\$3) with lock\$3) | USPAT | OR | ON | 2003/03/07 20:01 |

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|----------|------|-------------------------------------------------------------------------------------------------------------|------------------------------|----|-----|------------------|
| S19 8 | 71 | (metadata or meta\$data) and (query or commit) and ((read\$3 or writ\$3) with lock\$3) and command | USPAT | OR | ON | 2003/03/08 14:04 |
| S19 9 | 1 | ("6088694").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2003/03/08 14:11 |
| S20 0 | 1 | ("5764949").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2003/03/08 14:15 |
| S20 1 | 0 | burns.au. | US-PGPUB; USPAT | OR | ON | 2003/03/08 14:15 |
| S20 2 | 2366 | burns.in. | US-PGPUB; USPAT | OR | ON | 2003/03/08 14:15 |
| S20 3 | 36 | burns.in. and "709"/\$.ccls. | US-PGPUB; USPAT | OR | ON | 2003/03/08 14:18 |
| S20 4 | 14 | burns.in. and "707"/\$.ccls. | US-PGPUB; USPAT | OR | ON | 2003/03/08 14:20 |
| S20 5 | 5 | burns.in. and (metadata or meta\$data) | US-PGPUB; USPAT | OR | ON | 2003/03/08 14:27 |
| S20 6 | 1237 | (metadata or meta\$data) and "707"/\$.ccls. | US-PGPUB; USPAT | OR | ON | 2003/03/08 14:28 |
| S20 7 | 46 | (metadata or meta\$data) and (lock with portion) and "707"/\$. cccls. | US-PGPUB; USPAT | OR | ON | 2003/03/08 15:31 |
| S20 8 | 1 | ("5852747").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2003/03/09 14:34 |
| S20 9 | 2 | ((("5764949") or ("6088694")).PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2003/03/09 14:34 |
| S21 0 | 0 | ("(meta\$dataor(metaadj2data))an dtier").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2003/07/29 14:07 |
| S21 1 | 421 | (meta\$data or (metaadj2data)) and tier | US-PGPUB; USPAT | OR | ON | 2003/07/29 14:08 |
| S21 2 | 444 | (meta\$data or (meta adj2 data)) and tier | US-PGPUB; USPAT | OR | ON | 2003/07/29 14:22 |
| S21 3 | 164 | ((meta\$data or (meta adj2 data)) and tier) and "709"/\$.ccls. | US-PGPUB; USPAT | OR | ON | 2003/07/29 14:12 |
| S21 4 | 1 | ("6163859").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2003/07/29 14:09 |
| S21 5 | 6 | (((meta\$data or (meta adj2 data)) and tier) and "709"/\$.ccls.) and lock\$3 and (portion near5 file) | US-PGPUB; USPAT | OR | ON | 2003/07/29 14:14 |

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|----------|-----|----------------------------------------------------------------------------------|------------------------------|----|-----|------------------|
| S21 6 | 16 | ((meta\$data or (meta adj2 data)) and tier) and lock\$3 and (portion near5 file) | US-PGPUB; USPAT | OR | ON | 2003/07/29 14:20 |
| S21 7 | 142 | ((meta\$data or (meta adj2 data)) and tier) and lock\$3 | US-PGPUB; USPAT | OR | ON | 2003/07/29 14:20 |
| S21 8 | 58 | (((meta\$data or (meta adj2 data)) and tier) and lock\$3) and "709"/\$.ccls. | US-PGPUB; USPAT | OR | ON | 2003/07/29 14:21 |
| S21 9 | 103 | (meta\$data or (meta adj2 data)) and (three\$tier) | US-PGPUB; USPAT | OR | ON | 2003/07/29 15:29 |
| S22 0 | 1 | "6289358".PN. | USPAT | OR | OFF | 2003/07/29 14:33 |
| S22 1 | 1 | "6266673".PN. | USPAT | OR | OFF | 2003/07/29 14:33 |
| S22 2 | 1 | ("6353446").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2003/07/29 15:30 |
| S22 3 | 13 | (meta\$data same database).ti. | US-PGPUB; USPAT | OR | ON | 2003/07/30 10:38 |
| S22 4 | 1 | "6105026".PN. | USPAT | OR | OFF | 2003/07/30 09:01 |
| S22 5 | 1 | "6081811".PN. | USPAT | OR | OFF | 2003/07/30 09:02 |
| S22 6 | 1 | "6044374".PN. | USPAT | OR | OFF | 2003/07/30 09:03 |
| S22 7 | 1 | "6003039".PN. | USPAT | OR | OFF | 2003/07/30 09:07 |
| S22 8 | 1 | "5970464".PN. | USPAT | OR | OFF | 2003/07/30 09:13 |
| S22 9 | 1 | "5930794".PN. | USPAT | OR | OFF | 2003/07/30 09:14 |
| S23 0 | 1 | "5874955".PN. | USPAT | OR | OFF | 2003/07/30 09:15 |
| S23 1 | 1 | "5778370".PN. | USPAT | OR | OFF | 2003/07/30 09:16 |
| S23 2 | 1 | "5644764".PN. | USPAT | OR | OFF | 2003/07/30 09:17 |
| S23 3 | 1 | "6185584".PN. | USPAT | OR | OFF | 2003/07/30 09:20 |
| S23 4 | 1 | "6151624".PN. | USPAT | OR | OFF | 2003/07/30 09:21 |
| S23 5 | 1 | "6018742".PN. | USPAT | OR | OFF | 2003/07/30 09:24 |
| S23 6 | 1 | "5920725".PN. | USPAT | OR | OFF | 2003/07/30 09:25 |

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|----------|------|-----------------------------------------------|------------------------------|----|-----|------------------|
| S23 7 | 1 | "5899998".PN. | USPAT | OR | OFF | 2003/07/30 09:28 |
| S23 8 | 1 | "5862325".PN. | USPAT | OR | OFF | 2003/07/30 09:29 |
| S23 9 | 1 | "5806075".PN. | USPAT | OR | OFF | 2003/07/30 09:29 |
| S24 0 | 1 | "5455945".PN. | USPAT | OR | OFF | 2003/07/30 09:30 |
| S24 1 | 117 | hallman.in. | US-PGPUB; USPAT | OR | ON | 2003/07/30 10:38 |
| S24 2 | 1 | hallman.in. and "707"/\$.ccls. | US-PGPUB; USPAT | OR | ON | 2003/07/30 10:38 |
| S24 3 | 1 | hallman.in. and "709"/\$.ccls. | US-PGPUB; USPAT | OR | ON | 2003/07/30 10:47 |
| S24 4 | 1 | "6289358".PN. | USPAT | OR | OFF | 2003/07/30 10:38 |
| S24 5 | 1 | "6266673".PN. | USPAT | OR | OFF | 2003/07/30 10:42 |
| S24 6 | 1 | "6236997".PN. | USPAT | OR | OFF | 2003/07/30 10:44 |
| S24 7 | 1 | "6226649".PN. | USPAT | OR | OFF | 2003/07/30 10:45 |
| S24 8 | 1 | "6134558".PN. | USPAT | OR | OFF | 2003/07/30 10:45 |
| S24 9 | 1 | "6112210".PN. | USPAT | OR | OFF | 2003/07/30 10:45 |
| S25 0 | 1 | "6061692".PN. | USPAT | OR | OFF | 2003/07/30 10:45 |
| S25 1 | 1 | "5721925".PN. | USPAT | OR | OFF | 2003/07/30 10:46 |
| S25 2 | 0 | hallman.in. and "717"/\$.ccls. | US-PGPUB; USPAT | OR | ON | 2003/07/30 10:47 |
| S25 3 | 0 | hallman.in. and "714"/\$.ccls. | US-PGPUB; USPAT | OR | ON | 2003/07/30 10:48 |
| S25 4 | 1 | hallman.in. and "711"/\$.ccls. | US-PGPUB; USPAT | OR | ON | 2003/07/30 13:26 |
| S25 5 | 1 | ("4805099").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2003/07/30 14:03 |
| S25 6 | 1 | ("6151624").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2003/07/30 16:20 |
| S25 7 | 1518 | meta\$data and "707"/\$.ccls. | US-PGPUB; USPAT | OR | ON | 2003/07/30 16:52 |
| S25 8 | 124 | (meta\$data and "707"/\$.ccls.) and bypass\$3 | US-PGPUB; USPAT | OR | ON | 2003/07/30 16:24 |

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|----------|------|-----------------------------------------------------------------------------------------------------------|------------------------------|----|-----|------------------|
| S25 9 | 1789 | meta\$data and security | US-PGPUB; USPAT | OR | ON | 2003/07/30 16:24 |
| S26 0 | 560 | (meta\$data and security) and "709"/\$.ccls. | US-PGPUB; USPAT | OR | ON | 2003/07/30 16:25 |
| S26 1 | 558 | (meta\$data and security) and "707"/\$.ccls. | US-PGPUB; USPAT | OR | ON | 2003/07/30 16:36 |
| S26 2 | 157 | ((meta\$data and security) and "707"/\$.ccls.) and lock\$3 and version\$3. | US-PGPUB; USPAT | OR | ON | 2003/07/30 16:26 |
| S26 3 | 140 | ((meta\$data and security) and "707"/\$.ccls.) and lock\$3 and version\$3) and portion | US-PGPUB; USPAT | OR | ON | 2003/07/30 16:27 |
| S26 4 | 48 | ((meta\$data and security) and "707"/\$.ccls.) and lock\$3 and version\$3) and (portion near4 file) | US-PGPUB; USPAT | OR | ON | 2003/07/30 16:32 |
| S26 5 | 1 | ("6393424").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2003/07/30 16:32 |
| S26 6 | 1 | "6289358".PN. | USPAT | OR | OFF | 2003/07/30 16:32 |
| S26 7 | 157 | (meta\$data and security) and 707/10.ccls. | US-PGPUB; USPAT | OR | ON | 2003/07/30 16:49 |
| S26 8 | 24 | ((meta\$data and security) and 707/10.ccls.) and bypass\$3 | US-PGPUB; USPAT | OR | ON | 2003/07/30 16:50 |
| S26 9 | 138 | meta\$data and lock\$3 and version\$3 and bypass\$3 | US-PGPUB; USPAT | OR | ON | 2003/07/30 16:53 |
| S27 0 | 46 | (meta\$data and lock\$3 and version\$3 and bypass\$3) and "707"/\$.ccls. | US-PGPUB; USPAT | OR | ON | 2003/07/30 17:21 |
| S27 1 | 1 | "6324581".PN. | USPAT | OR | OFF | 2003/07/30 16:58 |
| S27 2 | 1 | "6061504".PN. | USPAT | OR | OFF | 2003/07/30 16:58 |
| S27 3 | 1 | "5950203".PN. | USPAT | OR | OFF | 2003/07/30 16:58 |
| S27 4 | 1 | "5944789".PN. | USPAT | OR | OFF | 2003/07/30 16:58 |
| S27 5 | 1 | "6173293".PN. | USPAT | OR | OFF | 2003/07/30 16:59 |
| S27 6 | 1 | "6032216".PN. | USPAT | OR | OFF | 2003/07/30 17:01 |
| S27 7 | 1 | "5987477".PN. | USPAT | OR | OFF | 2003/07/30 17:02 |
| S27 8 | 1 | "5737747".PN. | USPAT | OR | OFF | 2003/07/30 17:02 |

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|----------|----|-------------------------------------------------------------------|------------------------------|----|-----|------------------|
| S27 9 | 1 | "5594863".PN. | USPAT | OR | OFF | 2003/07/30 17:02 |
| S28 0 | 47 | bypass\$3 near5 tier | US-PGPUB; USPAT | OR | ON | 2003/07/30 17:30 |
| S28 1 | 90 | meta\$data and tier and bypass\$3 | US-PGPUB; USPAT | OR | ON | 2003/07/30 18:06 |
| S28 2 | 1 | "5809509".PN. | USPAT | OR | OFF | 2003/07/30 17:35 |
| S28 3 | 1 | "5809508".PN. | USPAT | OR | OFF | 2003/07/30 17:36 |
| S28 4 | 1 | ("6088717").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2003/07/30 18:00 |
| S28 5 | 46 | meta\$data and sql and (commit\$3 near4 request\$3) | US-PGPUB; USPAT | OR | ON | 2003/07/31 09:47 |
| S28 6 | 1 | ("6366917").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2003/07/31 09:59 |
| S28 7 | 1 | ("5940841").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2003/07/31 10:11 |
| S28 8 | 1 | ("6151624").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2003/07/31 14:08 |
| S28 9 | 1 | ("6463471").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2003/07/31 14:11 |
| S29 0 | 1 | "6185565".PN. | USPAT | OR | OFF | 2003/07/31 14:09 |
| S29 1 | 1 | "6182129".PN. | USPAT | OR | OFF | 2003/07/31 14:10 |
| S29 2 | 1 | "6175619".PN. | USPAT | OR | OFF | 2003/07/31 14:10 |
| S29 3 | 1 | ("5674003").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2003/07/31 14:37 |
| S29 4 | 1 | "5870744".PN. | USPAT | OR | OFF | 2003/07/31 14:32 |
| S29 5 | 1 | "5943478".PN. | USPAT | OR | OFF | 2003/07/31 14:34 |
| S29 6 | 1 | "6012096".PN. | USPAT | OR | OFF | 2003/07/31 14:35 |
| S29 7 | 70 | (discover\$3 near5 application) and (peer near4 communication) | US-PGPUB; USPAT | OR | ON | 2003/07/31 14:49 |
| S29 8 | 92 | ((detect\$3) near5 application) and (peer near4 communication) | US-PGPUB; USPAT | OR | ON | 2003/07/31 15:01 |

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|----------|-------|------------------------------------------------------------------------------------------------------------------------------------|------------------------|----|-----|------------------|
| S29 9 | 1 | "5526037".PN. | USPAT | OR | OFF | 2003/07/31 14:59 |
| S30 0 | 47155 | (conferenc\$3) and (negotiat\$3 or detect\$3) | US-PGPUB; USPAT | OR | ON | 2003/07/31 15:01 |
| S30 1 | 10532 | ((conferenc\$3) and (negotiat\$3 or detect\$3)) and node | US-PGPUB; USPAT | OR | ON | 2003/07/31 15:02 |
| S30 2 | 290 | (((conferenc\$3) and (negotiat\$3 or detect\$3)) and node) and ((install\$3 or discover\$3) near3 application) | US-PGPUB; USPAT | OR | ON | 2003/07/31 15:03 |
| S30 3 | 110 | (((conferenc\$3) and (negotiat\$3 or detect\$3)) and node) and ((install\$3 or discover\$3) near3 application)) and "709"/\$.ccls. | US-PGPUB; USPAT | OR | ON | 2003/07/31 15:46 |
| S30 4 | 1 | "5526037".PN. | USPAT | OR | OFF | 2003/07/31 15:35 |
| S30 5 | 1 | "5504837".PN. | USPAT | OR | OFF | 2003/07/31 15:37 |
| S30 6 | 1 | "5488653".PN. | USPAT | OR | OFF | 2003/07/31 15:37 |
| S30 7 | 1 | "5440405".PN. | USPAT | OR | OFF | 2003/07/31 15:37 |
| S30 8 | 1 | "5384772".PN. | USPAT | OR | OFF | 2003/07/31 15:38 |
| S30 9 | 1 | "5440632".PN. | USPAT | OR | OFF | 2003/07/31 15:38 |
| S31 0 | 1 | "5353009".PN. | USPAT | OR | OFF | 2003/07/31 15:39 |
| S31 1 | 1 | "5349649".PN. | USPAT | OR | OFF | 2003/07/31 15:39 |
| S31 2 | 0 | (conferenc\$3 same discover\$3).ti | US-PGPUB; USPAT | OR | ON | 2003/07/31 15:46 |
| S31 3 | 2 | (conferenc\$3 same join\$3).ti. | US-PGPUB; USPAT | OR | ON | 2003/07/31 15:47 |
| S31 4 | 869 | (conferenc\$3).ti. | US-PGPUB; USPAT | OR | ON | 2003/07/31 15:47 |
| S31 5 | 21 | ((conferenc\$3).ti.) and discover\$3 and session | US-PGPUB; USPAT | OR | ON | 2003/07/31 15:50 |
| S31 6 | 12 | ((conferenc\$3).ti.) and discover\$3 and join\$3 | US-PGPUB; USPAT | OR | ON | 2003/07/31 15:52 |
| S31 7 | 35 | ((conferenc\$3).ti.) and discover\$3 | US-PGPUB; USPAT | OR | ON | 2003/07/31 18:22 |
| S31 8 | 1 | ("6463078").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2003/08/01 10:12 |

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| S31 9 | 1 | ("5715392").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2003/08/01 10:12 |
| S32 0 | 1 | ("6463078").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2003/08/01 14:33 |
| S32 1 | 1 | ("5940841").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2003/08/04 11:06 |
| S32 2 | 1 | ("6366917").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2003/08/01 14:33 |
| S32 3 | 1 | ("5600684").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2003/08/04 13:12 |
| S32 4 | 1 | ("6266666").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2003/08/04 13:13 |
| S32 5 | 2 | (("6289345") or ("6032216")).PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/08/03 16:26 |